



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, April 21, 2015

Issued: 0800 CT

***Day 1 Hazards: Isolated Tstms W & NW TX/NW OK;
Elevated Fire Threat SW NM***

National Weather Service
*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



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817-978-1100 x 147**

Key Points



Today

- **Marginal risk of severe thunderstorms Today– W & NW TX/NW OK.**
 - Marginally severe wind/hail threat.
- **Elevated fire weather conditions Tuesday – SW NM.**

Wednesday – Thursday

- **Enhanced risk of severe storms Wednesday – S OK/N TX (Red River Valley)**
 - Large hail, damaging winds, and tornadoes possible within the risk area.
 - Slight risk includes southern half of OK, eastern half of TX, all of LA, and S AR.
 - Less of a tornado threat farther southeast towards the gulf coast.
- **Elevated fire conditions continue for S NM & into W TX.**
- **Slight risk of severe weather across eastern half of TX and southern 2/3 of LA Thursday.**
 - Large hail and damaging wind will be primary threat.
 - A tornado or two possible.

Friday - Saturday

- **Severe thunderstorm potential remains across E OK/E TX/AR/LA Friday.**
 - Large hail and damaging winds are the primary threats within the risk area.

*FEMA Region 6 Threat Matrix

Apr 21, 2015 - Apr 25, 2015

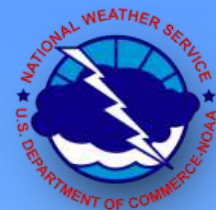
DAY/ THREAT	TUE	WED	THU	FRI	SAT
Severe Storms	W & NW TX/NW OK	S OK/N TX	Central and East TX & S LA	E TX/E OK/SW AR/LA	
		S ½ OK/E ½ TX/S AR/LA			
Heavy Rain /Flooding					
Fire	S NM	S NM/W TX			

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



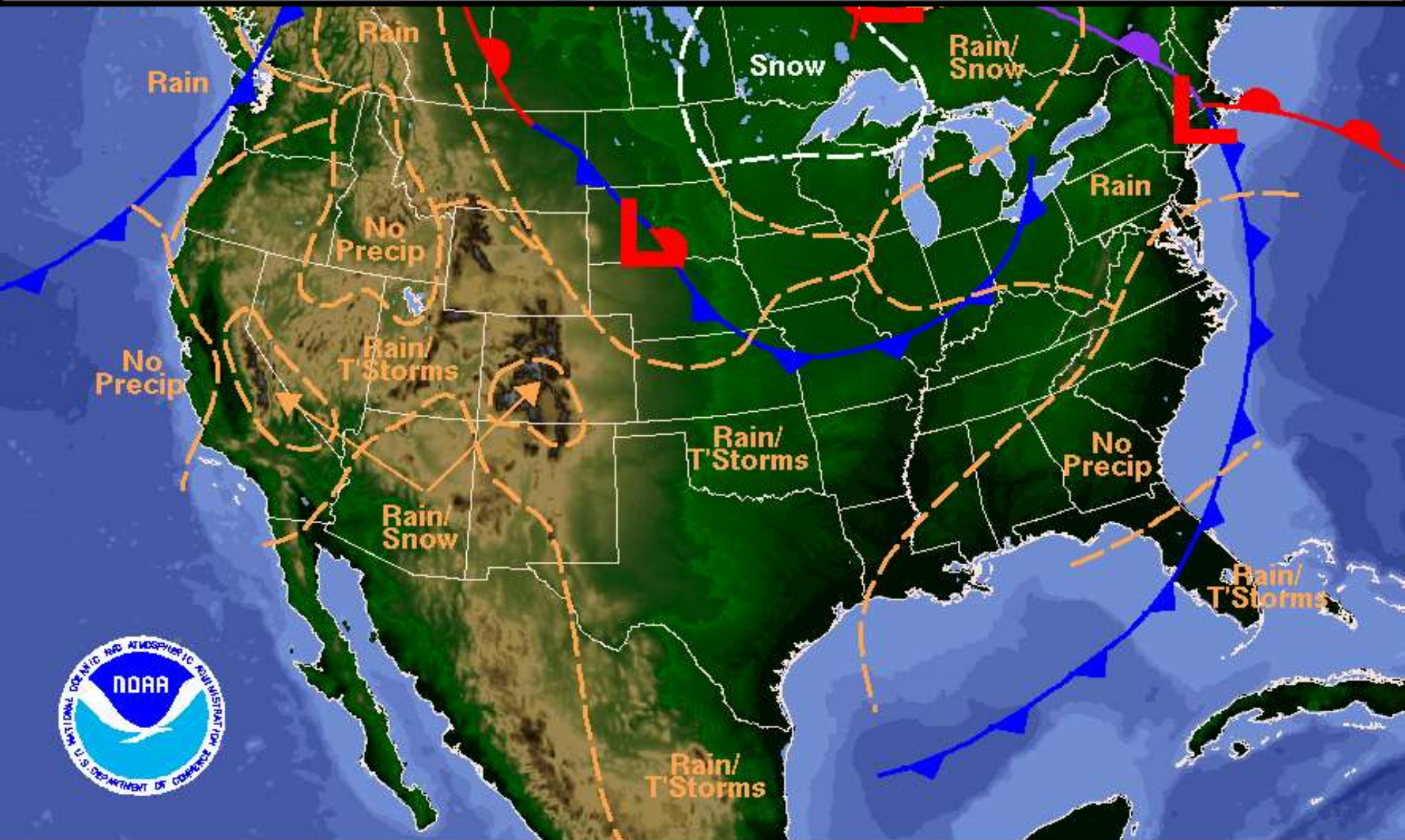
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Today's Weather



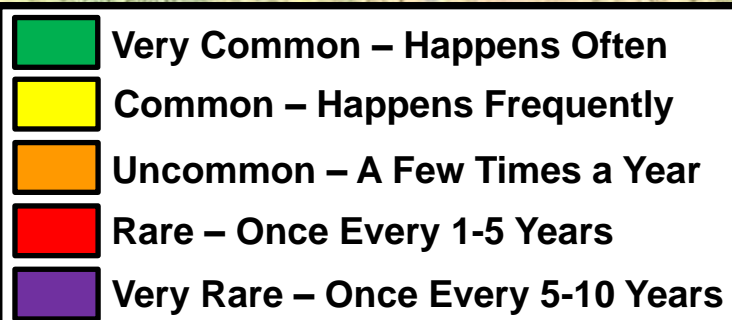
Weather Forecast for Tue, Apr 21, 2015, issued 3:35 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Tue - 0800 Wed



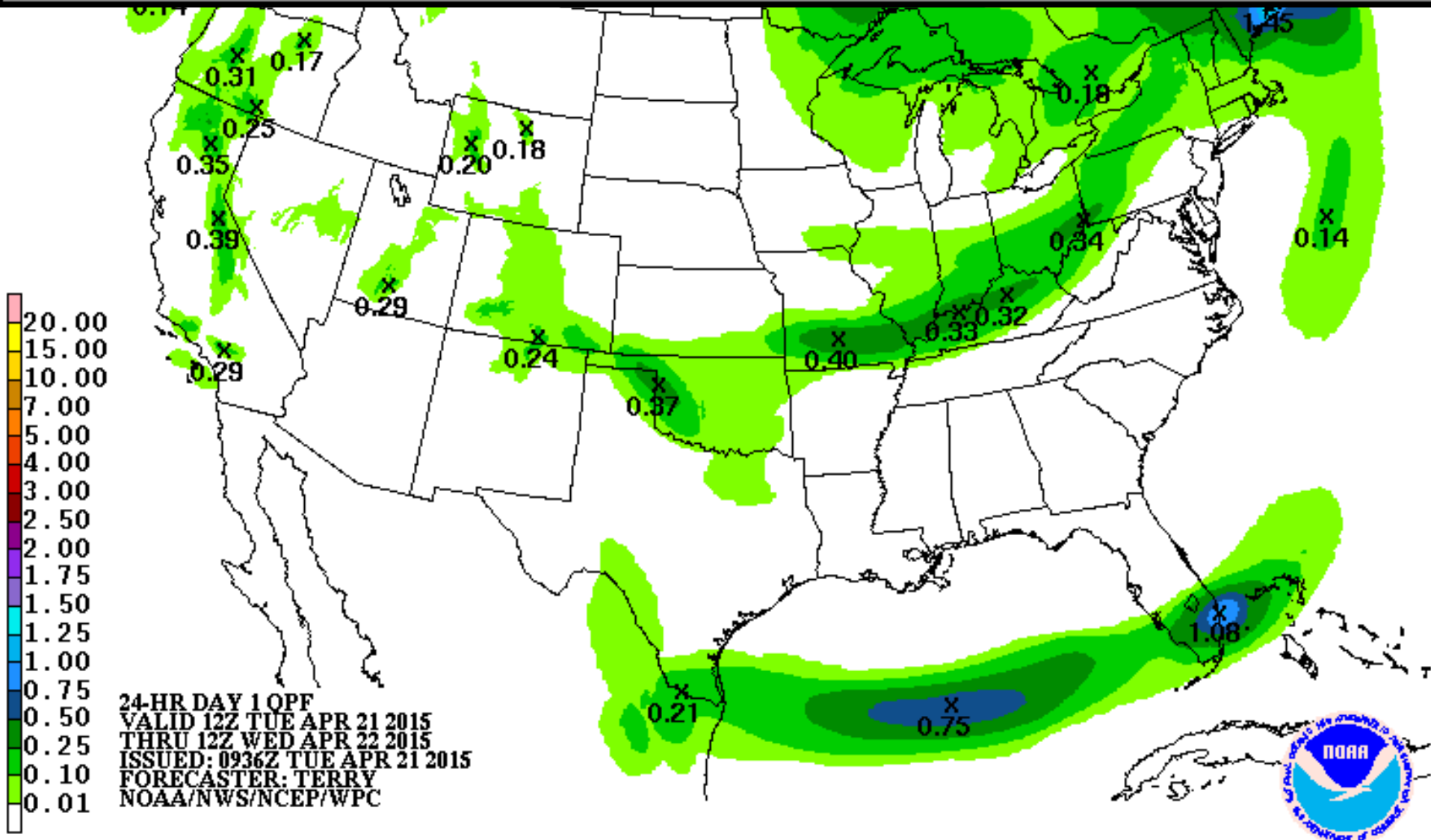
**Marginal Risk
of large hail
& isolated
damaging
winds**



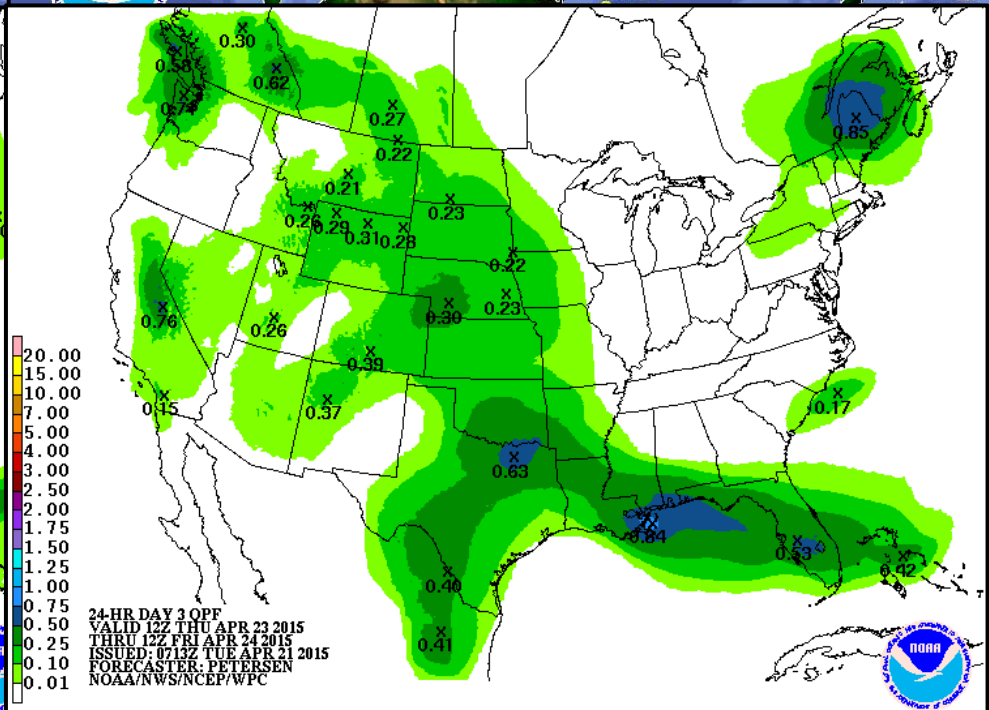
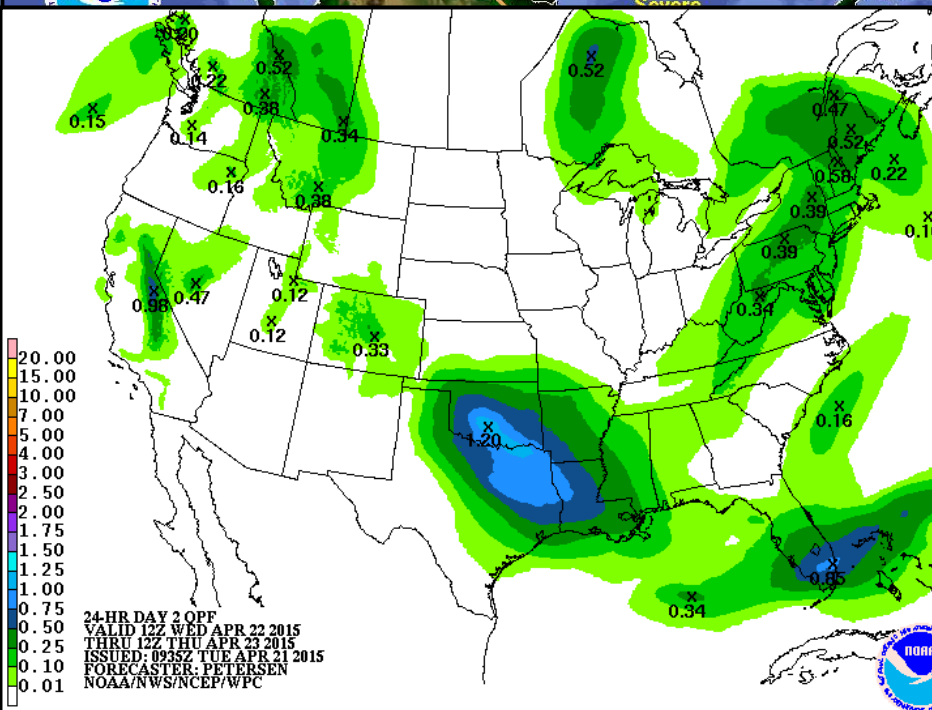
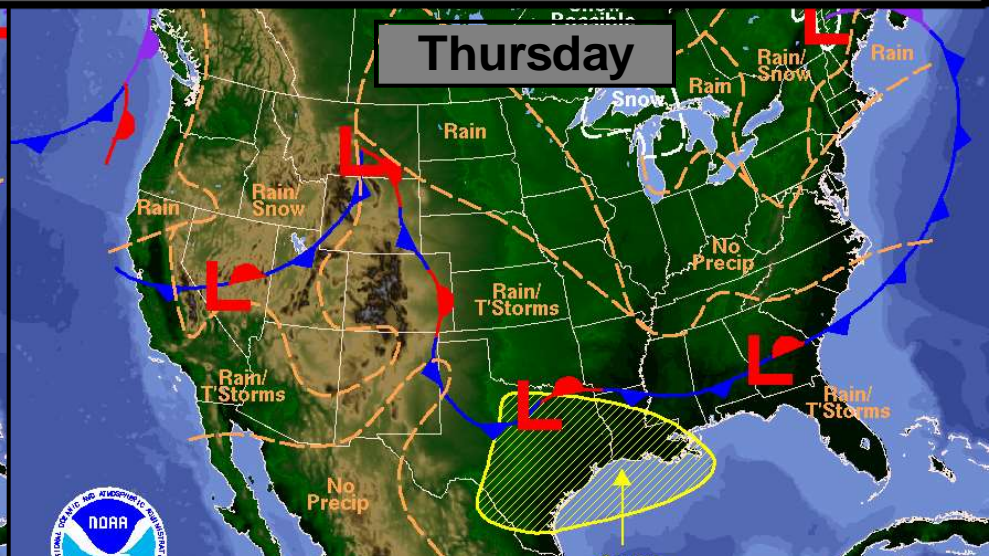
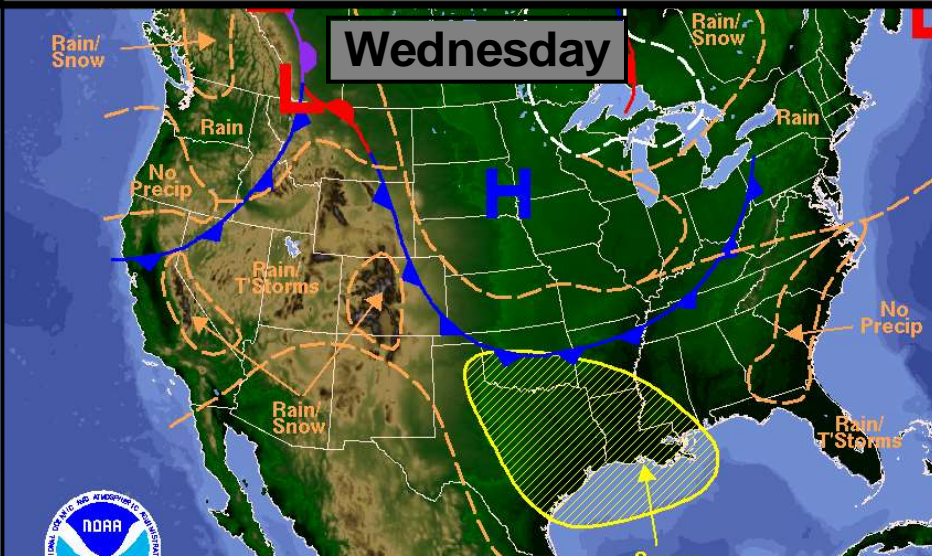
***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

Today's Precipitation

Tue AM - Wed AM

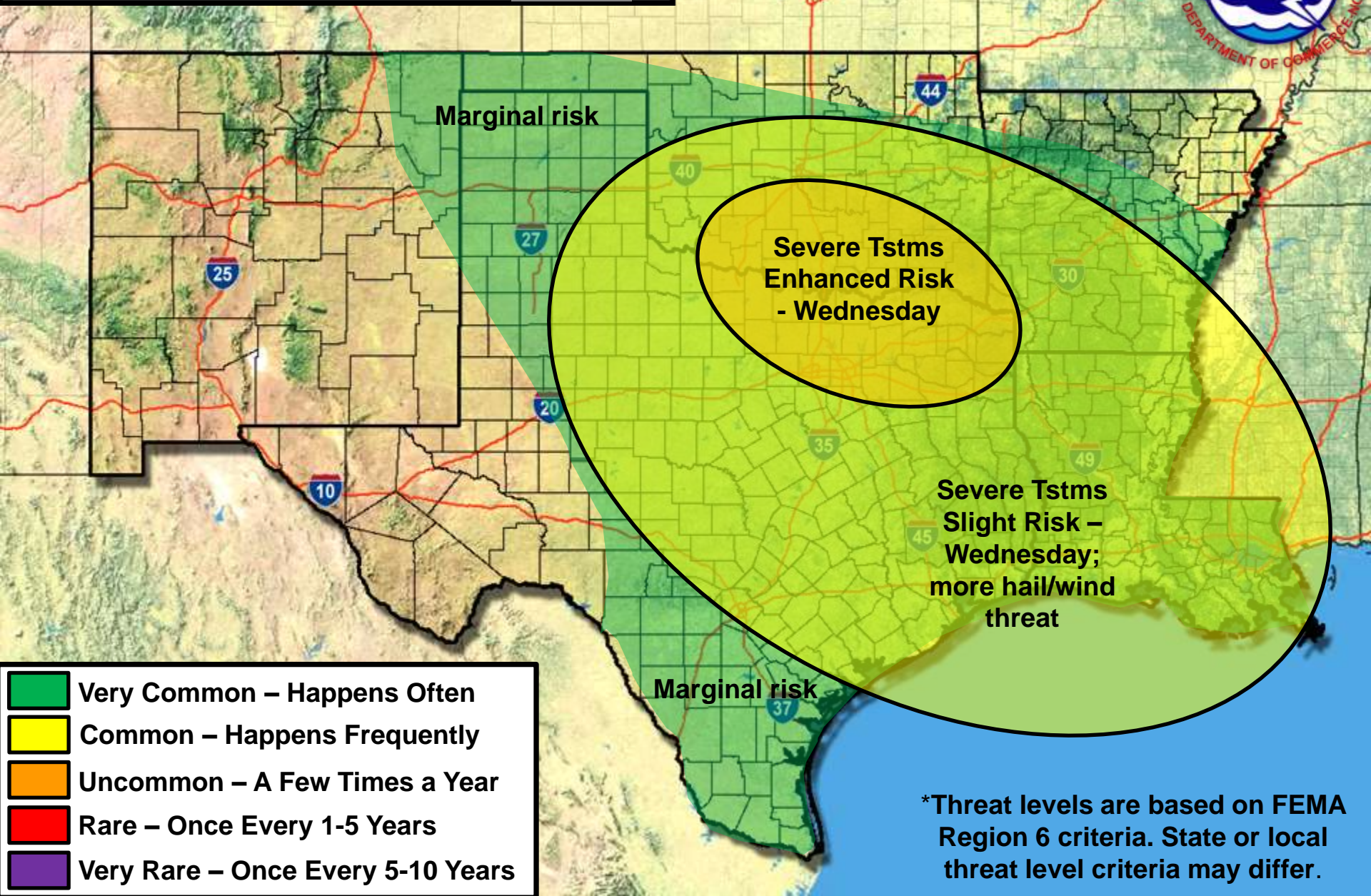


Day 2-3 Weather Maps/Precipitation



Day 2-3 Weather Hazards

Valid: 0800 Wed - 0800 Fri



**Severe Tstms
Enhanced Risk
- Wednesday**

**Severe Tstms
Slight Risk -
Wednesday;
more hail/wind
threat**

Marginal risk

Marginal risk

Very Common - Happens Often

Common - Happens Frequently

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Rare - Once Every 1-5 Years

Very Rare - Once Every 5-10 Years

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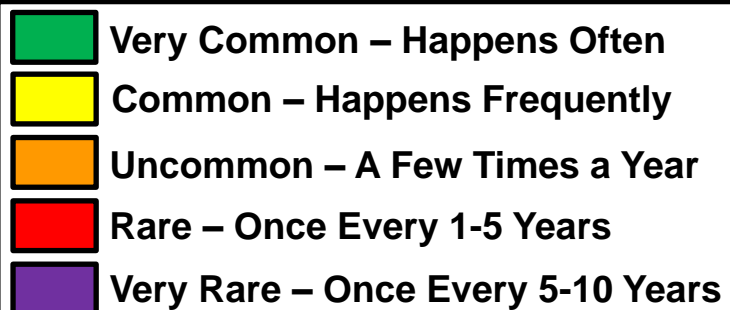
Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



Severe weather threat continues for eastern half of the Region Saturday

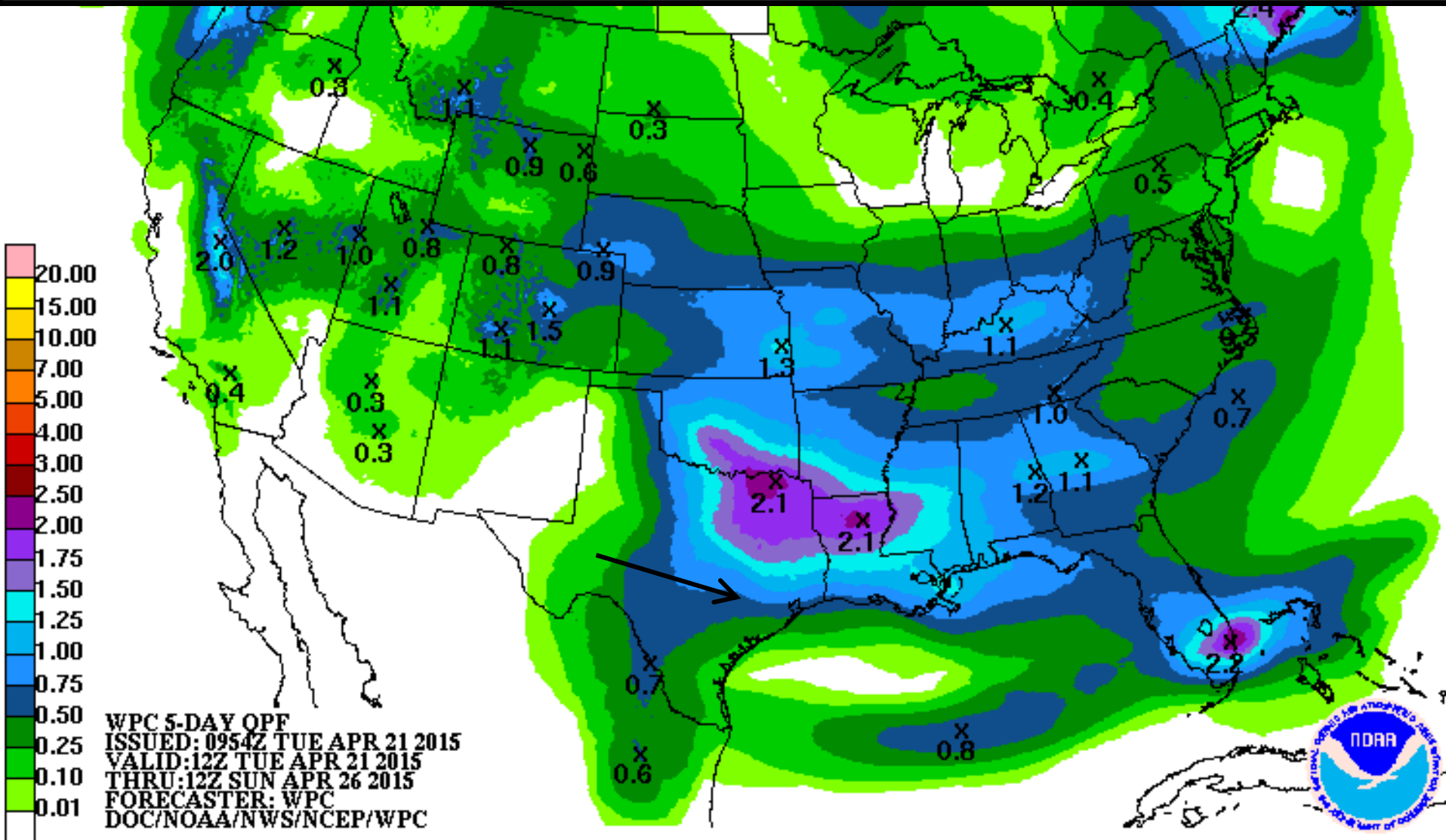
Slight risk of severe storms Friday; hail/wind are primary threats



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5-Day Precipitation

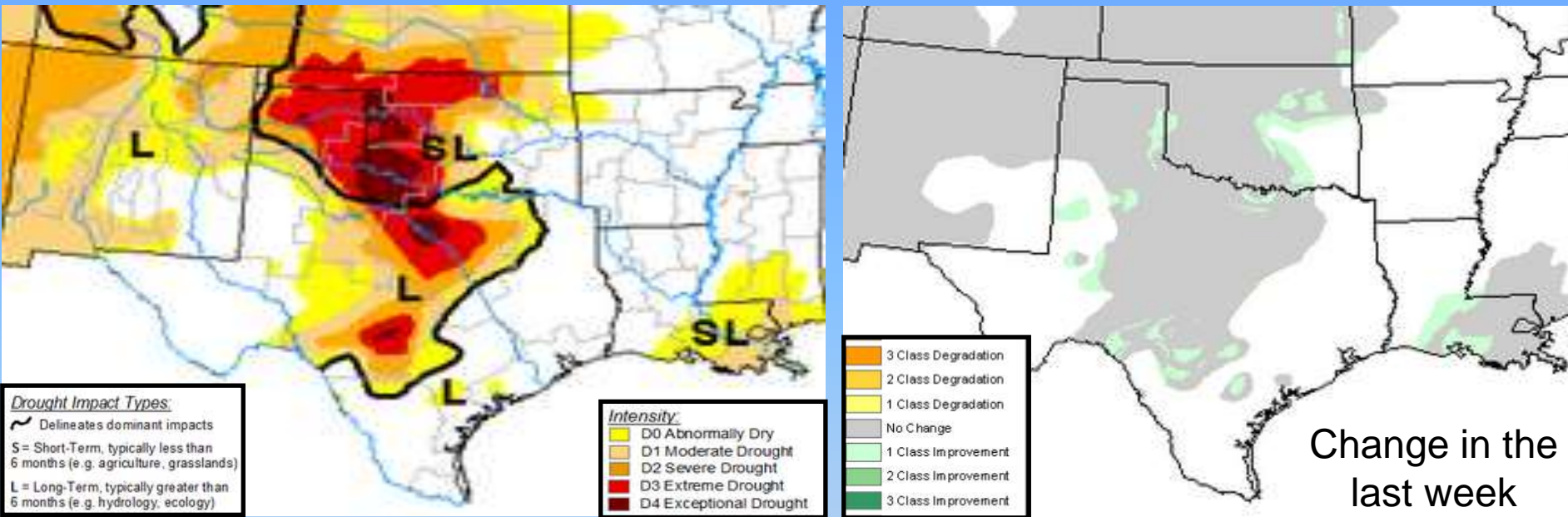
Tue AM - Sun AM





Drought Monitor Released April 9th, 2015

Data valid as of Tuesday, April 14th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	39.72%	39.72%	22.58%	26.51%
Texas	14.91%	15.46%	11.03%	28.98%
New Mexico	0.00%	0.00%	3.70%	24.86%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

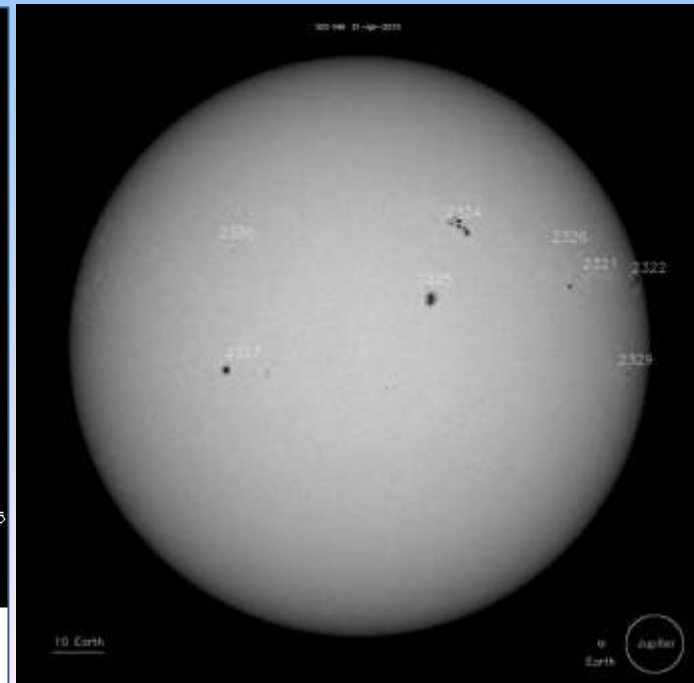
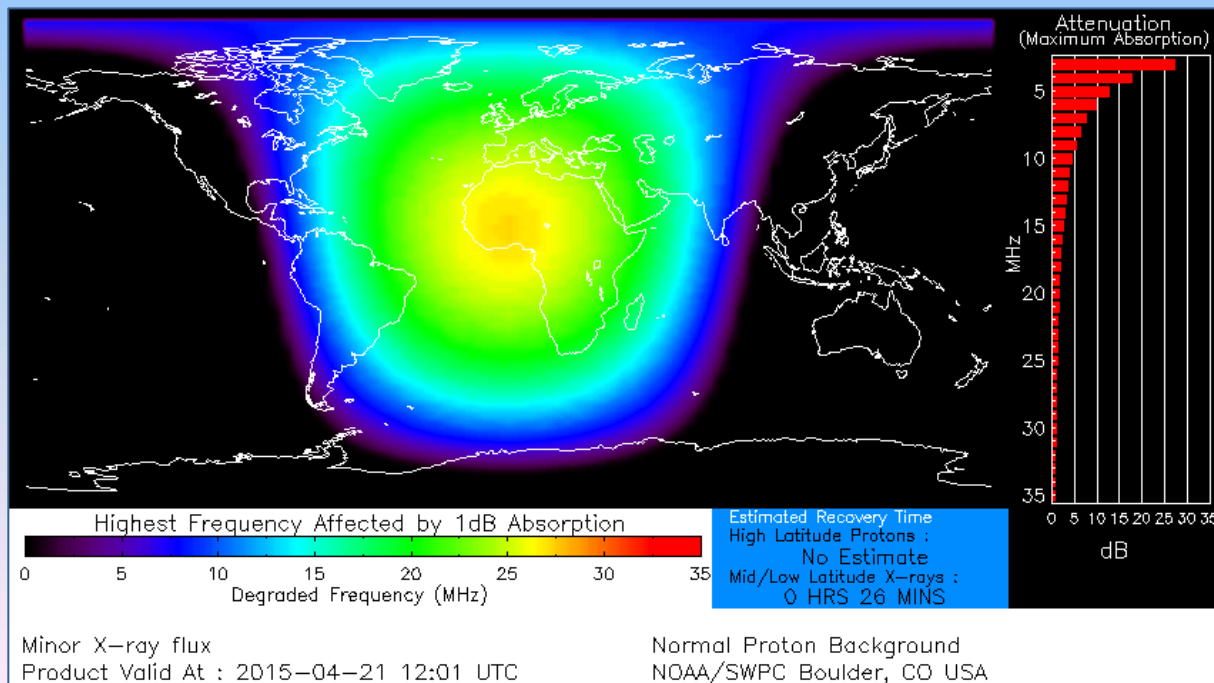
Space Weather 3-Day Forecast



	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Minor Storm (G1) (Max Kp = 5)	Minor Storm (G1) (Max Kp = 5)	Active to Quiet (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	15%	15%	15%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.srh.noaa.gov>

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